

PUBLICATIONS 2018 - 2019

| S.No | Publication | Authors | Journal, ISSN, DOI | WOS / SCOPUS / UGC | Publication Date |
|----------------------|--|--|---|--------------------|------------------|
| 1 | An experimental study on four stroke CI engine for evaluating the performance parameters and emission characteristics by using hazelnut bio-diesel blend as fuel | Dr. T. Krishnaiah | IJMPERD 71-77, ISSN (P): 2249-6890; ISSN (E): 2249-8001 | Scopus | June 2018 |
| 2 | Analysis of performance and emission characteristics of sunflower and mustard oil methyl esters in four stroke single cylinder diesel engine | Dr. T. Krishnaiah, Mr. V. Srikanth, Dr. R. Venkat Reddy | IJMPERD 161-167, ISSN (P): 2249-6890; ISSN (E): 2249-8001 | Scopus | June 2018 |
| 3 | Experimental Work on Friction Welding of Similar and Dissimilar Metals | Mrs. C. Sravanthi, Dr. R. Venkat Reddy, Mrs. D. Pratibha | JETIR 5,8,722-726, ISSN:2349-5162 | UGC | August 2018 |
| 4 | Design and Manufacturing of Fuze Shell | Mrs. A. Pooja, Dr. P. RavikanthRaju, Mrs. D. Prathiba | JETIR 5,8,727-732, ISSN:2349-5162 | UGC | August 2018 |
| 5 | Weight Optimization of Steam turbine casing using Optistruct tool | Mrs. D. Pratibha, Mrs. C. Sravanthi, Mrs. A. Pooja | IJMPERD Vol 8, Issue 4, 1155-1167, ISSN(P):2249-6890 ISSN€:2249-8001 | Scopus | August 2018 |
| 6 | Modeling and Analysis of Kaplan Turbine Blade using CFD | Mr. S. Upendar | IJET, Vol 7, Issue 2, ISSN No. 1086-1089 | Scopus | August 2018 |
| 7 | Study on Mechanical Behaviour of Hybrid Composites | Mr. T. Prasad, Mr. P. Chinna Srinivas Rao | IJET, Vol 7, Issue 2, 784-786 | Scopus | August 2018 |

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| 8 | Mechanical characterization and free vibration of composite laminated plates | Dr. P. Ravikanth Raju, Dr. R. Venkat Reddy | IJMET, Vol 9, Issue 9, 186-191, ISSN No. 0976-6359 | Scopus | September 2018 |
| 9 | Mechanical behavior of hybrid Composites | Mrs. P. Saritha, Dr. P. Ravikanth Raju, Dr. R. Venkat Reddy | IJMET, Vol 9, Issue 9, 71-76, ISSN No. 0976-6359 | Scopus | September 2018 |
| 10 | Design and Development of Hydraulically operated pusher crane for steel furnace | Mr. T. Prasad, Dr. R. Venkat Reddy | IJMET, Vol 9, Issue 10, 970-980, ISSN Print: 0976-6340, ISSN Online: 0976-6359 | Scopus | October 2018 |
| 11 | Mechanical Characterization and wear behaviour of Al7075 alloy reinforced with Alumina and Molybdenum Disulphide | Mrs. P. Saritha, Dr. R. Venkat Reddy, Dr. P. Ravikanth Raju | IJMPERD, Vol 8, Issue 6, 395-404, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | December 2018 |
| 12 | Design, Fabrication and testing of a 4 way catalytic converter for reducing exhaust emission pollution in a Diesel automobile engine | Mr. K. Srinivasa Chalapati | IJMPERD, Vol 8, Issue 6, 555-568, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | December 2018 |
| 13 | A Study on Mechanical Behaviour of Hybrid Composites | Mr. T. Prasad, Mr. P. Chinna Srinivasa Rao, Mr. B. Raja Narendra, Mr. H. Ameresh | IJMPERD, Vol 8, Issue 6, 661-666, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | December 2018 |
| 14 | Design and Development of Hydraulically Operated Slag Remover for Steel Furnace | Dr. N. Nagabhushana Ramesh, Dr. R. Venkat Reddy | IJMPERD, Vol 8, Issue 6, 893-904, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | December 2018 |

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| 15 | Study on Al ₂ O ₃ Duplex Coatings deposited by New Micro-Arc Oxidation (Mao) Process using Natural Additives of Rice Hushes Ash (Rha) and Porcelanite Rocks of Pre-Anodized 6061 Al Alloys | Mr. S. Upendar | IJMET, Vol 10, Issue 2, 1640-1654, ISSN Print:0976-6340,ISSN Online:0976-6359 | Scopus | February 2019 |
| 16 | Experimental Approach in Duplex Machining Two Tool Method | Mr. S. Jush Kumar,Dr. N. N. Ramesh,Mr. A. Swamy | IJMPERD, Vol 9, special, 1-9, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | April 2019 |
| 17 | The Design and Material Optimization of Exhaust Flange | Mr. Md. Sikindar Baba | IJMPERD, Vol 9, special, 21-27, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | April 2019 |
| 18 | An Analysis of Residual Stresses by Simulation in a die casted aluminium flywheel | Dr. Shaik Shafee, Mr. Y. Akshay Kumar,Mr. B. Praveen | IJMPERD, Vol 9, special, 37-44, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | April 2019 |
| 19 | The Mechanical Behaviour of Hybrid Composite Laminated Plates | Mr. T. Prasad,Dr. R. Venkat Reddy | IJMPERD, Vol 9, special, 45-49, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | April 2019 |
| 20 | An Investigation of Chip Formation and RaValue of Titanium 31 in Dry Machining | Mrs. P. Chaitanya Krishna Chowdary,Mrs. A. Muni Tanuja,Ms. M. Ujwala | IJMPERD, Vol 9, special, 50-55, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | April 2019 |
| 21 | Finite Element Analysis of Stress Distribution in Spur Gear Contact Pair | Mr. N. Madan Mohan Reddy, Mr. V. Adithya,Mr. M. Harish | IJMPERD, Vol 9, special, 56-61, ISSN(P): 2249-6890; ISSN(E): 2249-8001 | Scopus | April 2019 |